

Maryland Inventory of Historic Properties
Historic Bridge Inventory
Maryland State Highway Administration
Maryland Historical Trust

MHT Number M:14-64

Name and SHA No. M 64 over Great Seneca Creek

Location:

Street/Road Name and Number: Brink Road over Great Seneca Creek

City/Town: Gaithersberg Vicinity

County: Montgomery

Ownership: State X County Municipal Other

This bridge projects over: Road Railway X Water Land

Is the bridge located within a designated district: yes X no

 NR listed district NR determined eligible district

 locally designated other

Name of District

Bridge Type:

 Timber Bridge

 Beam Bridge Truss-Covered Trestle

 Timber-and-Concrete

 Stone Arch

 Metal Truss

 Movable Bridge

 Swing Bascule Single Leaf Bascule Multiple Leaf

 Vertical Lift Retractable Pontoon

X Metal Girder

X Rolled Girder Rolled Girder Concrete Encased

 Plate Girder Plate Girder Concrete Encased

 Metal Suspension

 Metal Arch

☐ Metal Cantilever☐ Concrete☐ Concrete Arch ☐ Concrete Slab ☐ Concrete Beam☐ Rigid Frame☐ Other Type Name _____**Description:****Describe Setting:**

Bridge No. M 64 carries Brink Road north-south over Great Seneca Creek, in Montgomery County, Maryland. Overhead utility lines parallel the east side of the bridge. The area is a rural and residential in nature.

Describe Superstructure and Substructure:

Bridge No. M 64, built in 1972, is a 58' long single span structure with a 24' clear roadway width. The superstructure consists of a bituminous concrete wearing surface over corrugated metal plank deck supported by steel stringers. The substructure consists of two concrete abutments. The bridge has a modern W-beam guardrail.

The east fascia stringer has up to 1/4' loss of section to top and bottom flanges. The closure plate at the edge of the corrugated metal deck has numerous corrosion holes in it. Light rust on bearings and top flange of fascia beams. The substructure is in generally good condition. Each abutment has a full height vertical cracks at approximately the center line of the roadway that was repaired.

Discuss Major Alterations:**History:****When Built:** 1972**Why Built:** Local transportation needs**Who Built:** Unknown**Why Altered:** Not Applicable**Was this bridge built as part of an organized bridge building campaign:** Yes**Surveyor Analysis:****This bridge may have NR significance for association with:**☐ A Events ☐ Person☐ C Engineering/Architectural**Was this bridge constructed in response to significant events in Maryland or local history:**

It is unknown whether this bridge was constructed in response to significant events in

Maryland or local history.

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area?

It is unknown whether the construction and/or alteration of this bridge has had significant impact on the growth and development of the area.

Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district?

No, this bridge does not appear to be located in an area which may be eligible for historic designation.

Is the bridge a significant example of its type?

This bridge is not a significant example of its type.

Does the bridge retain integrity of the important elements described in the Context Addendum?

This bridge does meet the criteria for inclusion on the National register of Historic Places.

Should this bridge be given further study before significance analysis is made and Why?

Further research is unnecessary. This bridge does not meet the age criteria needed for inclusion on the National Register of Historic Places.

Bibliography:

Greiner, Inc.

1995 Maryland Inventory of Historic Bridges.

Montgomery County

v.d. County Bridge Inspection Files.

Spero, P.A.C. & Company, and Louis Berger & Associates

1994 Historic Bridges in Maryland: Historic Bridge Context.

United States Geological Survey

1945 7.5' Gaithersberg Quadrangle, photorevised 1979.

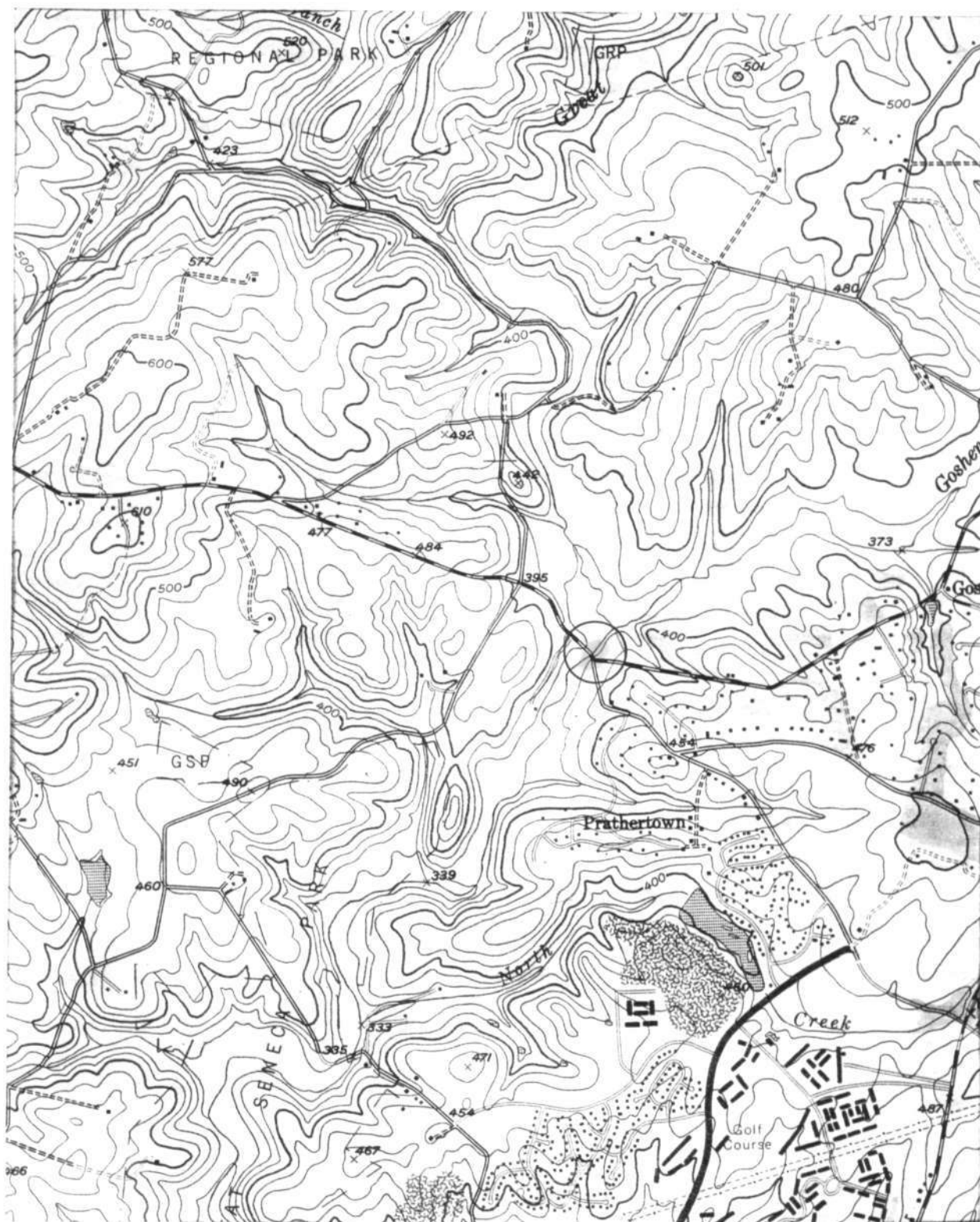
Surveyor:

Name: Jason D. Moser **Date:** September 1995

Organization: State Highway Admin. **Telephone:** (410) 321-2213

Address: 2323 West Joppa Road Brooklandville, MD 21022

M:14-64



Approximate location of Bridge # M 64 on the 1945 (photorevised 1979) USGS 7.5 Minute Gaithersburg Quadrangle.



Inventory # 11:14-64

Name M64-BRINK RD OVER GREAT SENECA CR. BEK

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description APPROACH EAST

Number 1 of 34



Inventory # M:14-64

Name M64-BRINK RD OVER GREAT SENECA CREEK

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION NORTH

Number ²~~21~~ of ⁴~~21~~



Inventory # M:14-64

Name M64 - BRINK RD OVER GREAT SENECA CREEK

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SNA

Description APPROACH WEST

Number ³22 of ⁴31



Inventory # M:14-64

Name MDH - BRINK RD OVER GREAT SEVECA CREEK

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION SOUTH

Number ⁴23 of ⁴21